

Created October 2009

This application note shows how to install a Star Micronics Printer on a Windows 7 Operating System. While this document was written using the **TSP600** on a Windows 32-Bit machine, these directions suffice for the models listed below as well as 64-Bit computers.

Additional Models Supported by this method: **SP500, TSP600, TSP700, TSP800, TUP900**

Important point:

The computer you are attempting to install the printer on will retrieve the driver from the Microsoft Windows Update Site (effectively installing “inbox” drivers) during installation; therefore, an internet connection will be required.

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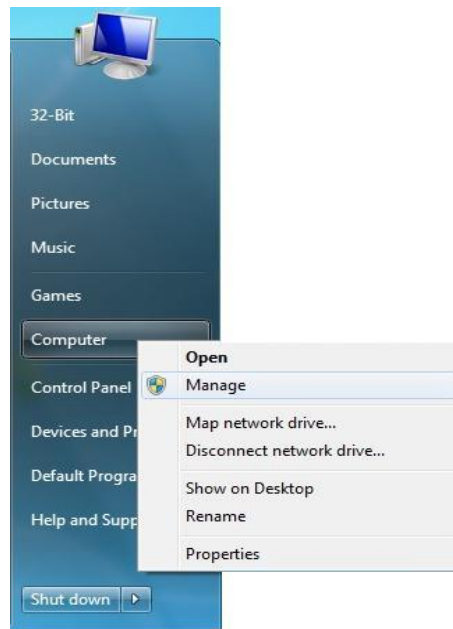
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Installing a Star USB Printer

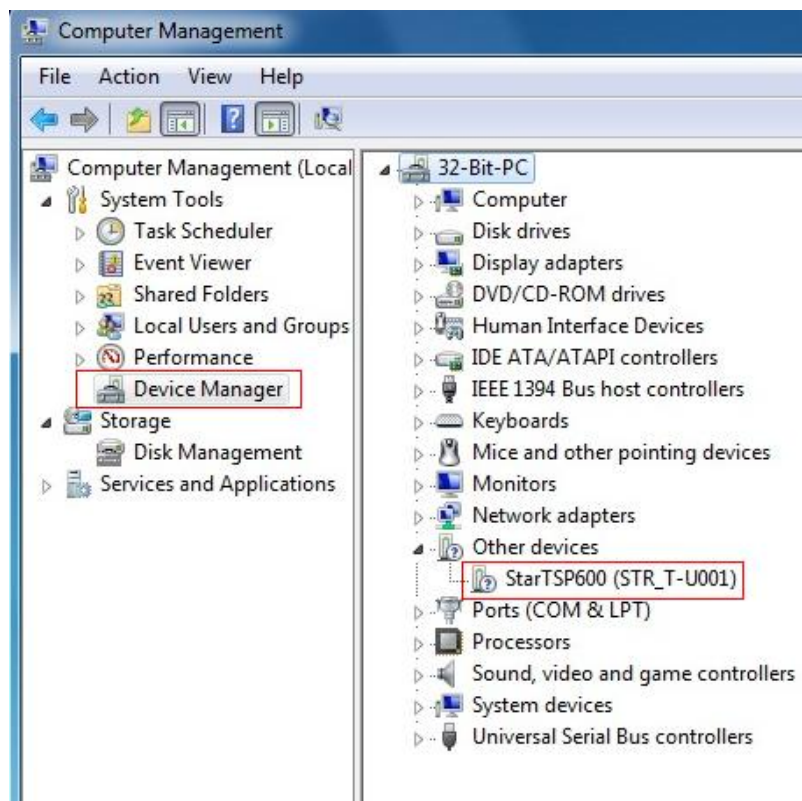


1. With the printer connected to the PC, turn the printer power ON.

If there is no printer Software available on the PC, the system will display a message that the Device driver software was not successfully installed. For Star printers, the Software will not be pre-installed; therefore the printer will need to be added manually.



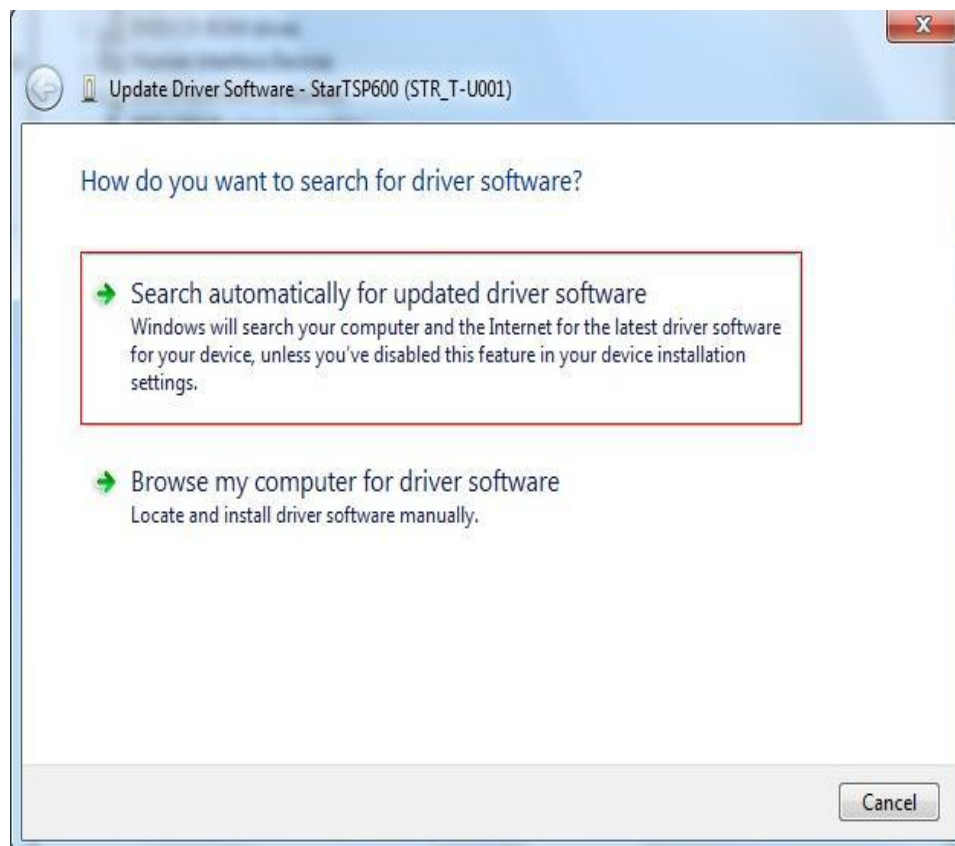
2. To continue installing the printer, click on start, right-click on the Computer Icon, and click on Manage



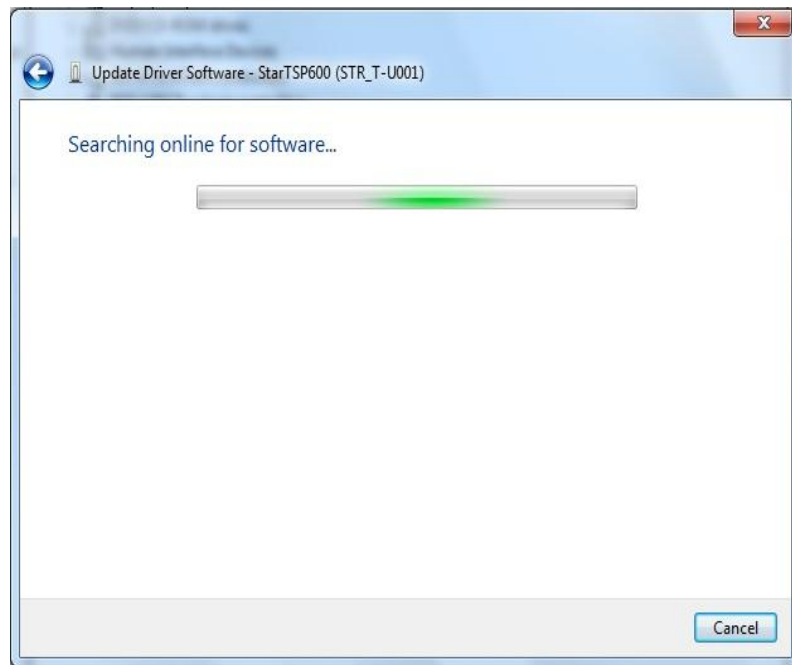
The Star printer will be displayed on Device Manager under Other Devices



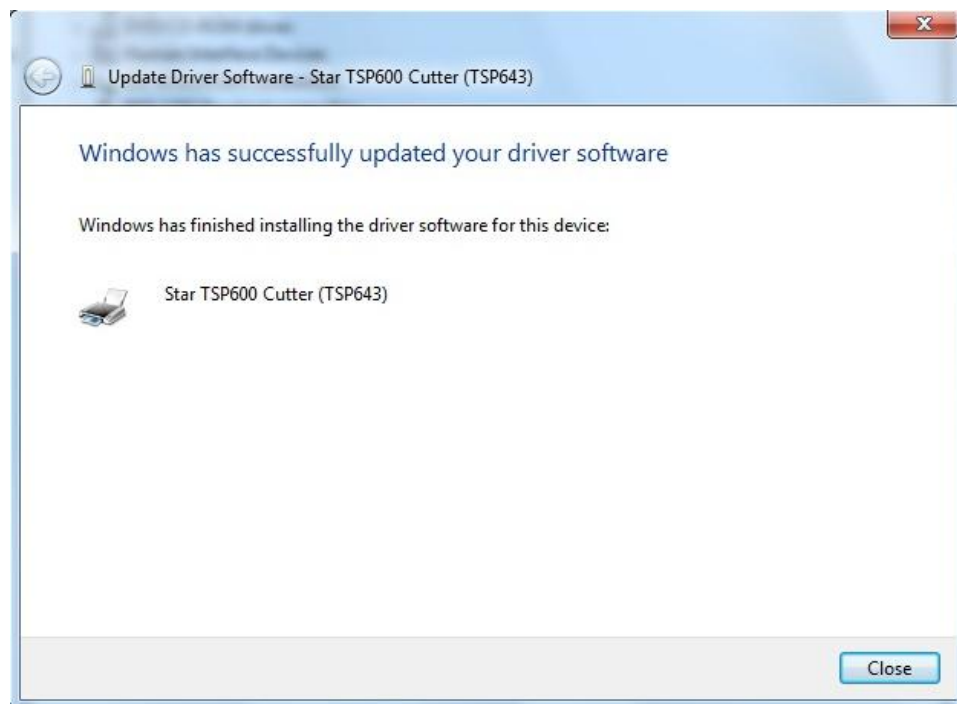
3. Right-click on the Star printer and click Update Driver Software...



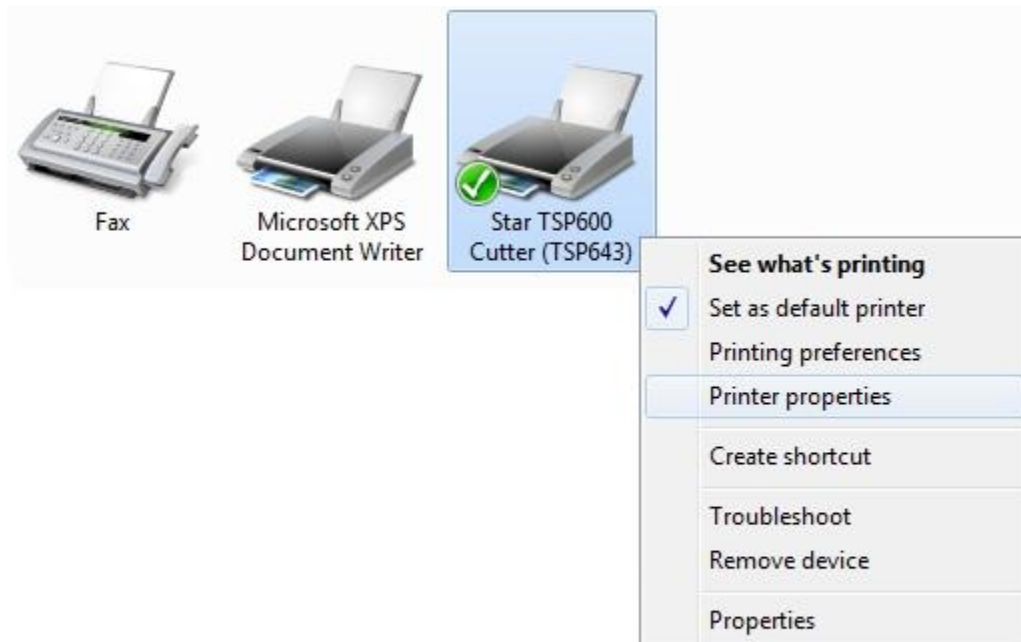
4. Choose the 1st option to look for the driver online automatically



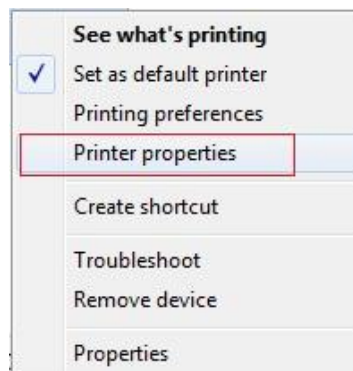
5. Windows will automatically search online for the appropriate driver



6. Windows will confirm that it has successfully updated the driver software – click Close



7. Open Control Panel/Hardware and Sound/Devices and Printers
The TSP600 will display. Left click on it to select it and then right click on it to display its options

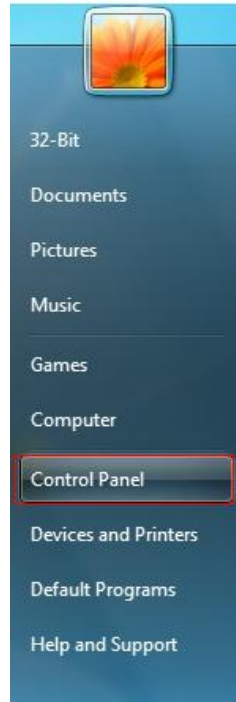


To confirm that there is communication with the printer, click on Printer properties.
Then click on Print Test page. Once a test page prints, communication has been established.

Installing a Star Parallel or Serial Printer

(Once again the Windows update button method is being used; therefore, the computer must be connected to the Internet)

1. Connect the printer to the computer and power it on



2. Click the Start button and click on Control Panel.



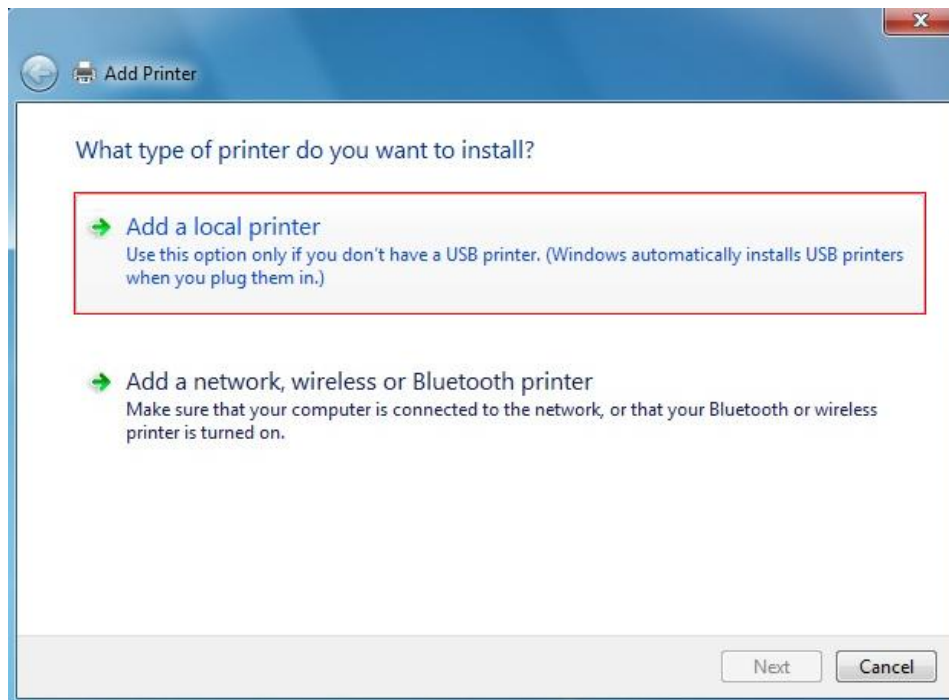
3. Click on Hardware and Sound.



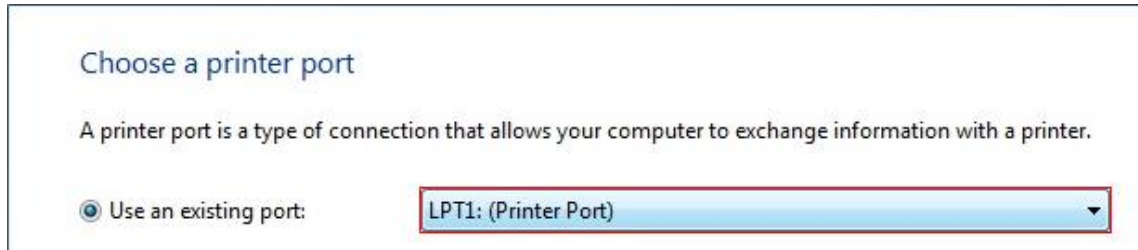
4. Click on Devices and Printers.



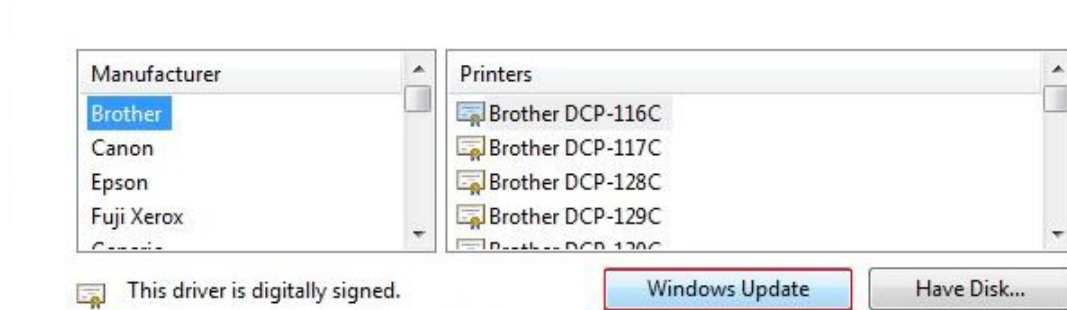
5. Click on Add a printer to manually add the new Star printer.



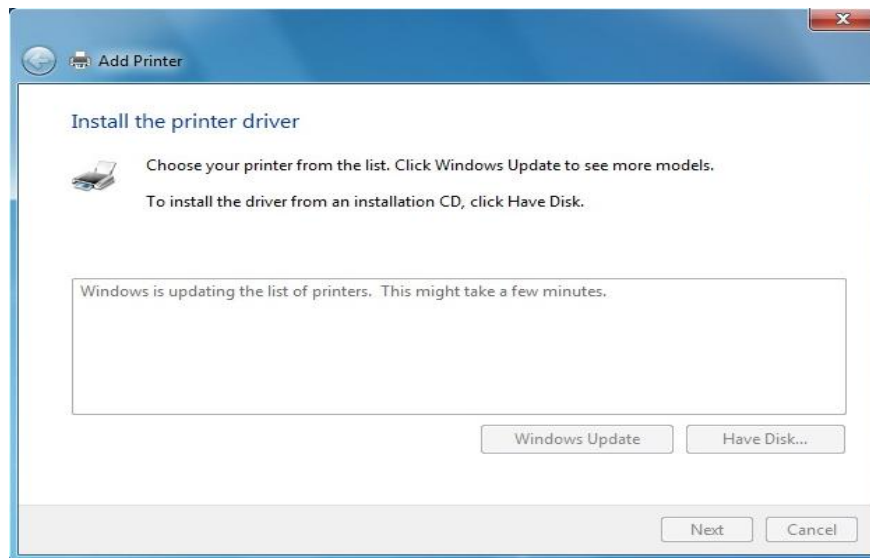
6. Click on Add a local printer.



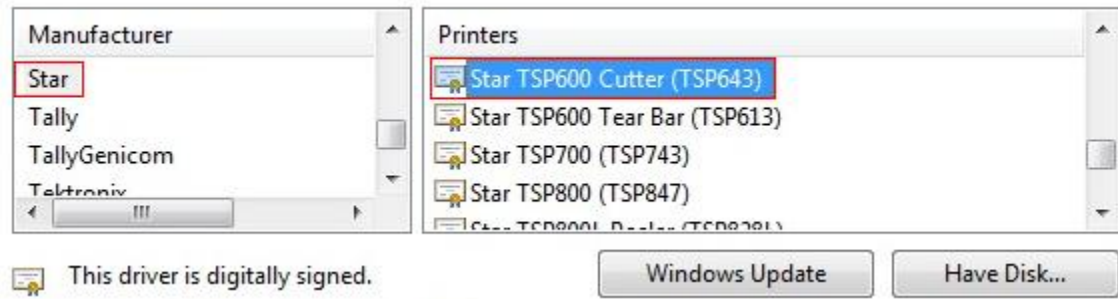
7. Click on use an existing port and select the port. For a Parallel port, select the assigned LPT port given by the computer (usually LPT1). For a Serial port select the COM port assigned by the computer (usually COM1). If using serial, be sure to set the communication speed of the port to match that of the printer. (Reference page 12 of this document for instructions on determining the baud rate.)



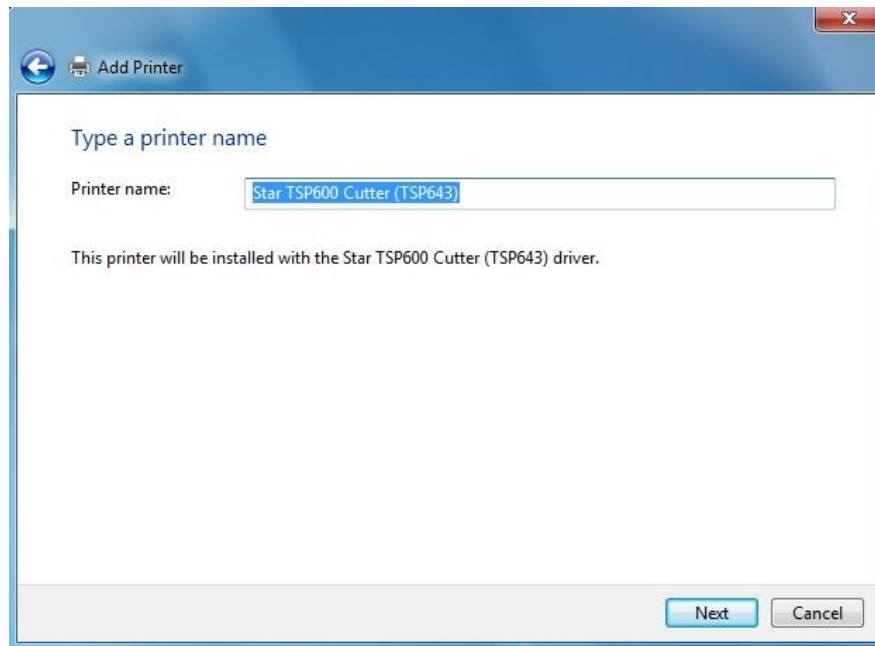
8. Click on Windows Update. Internet connection is necessary.



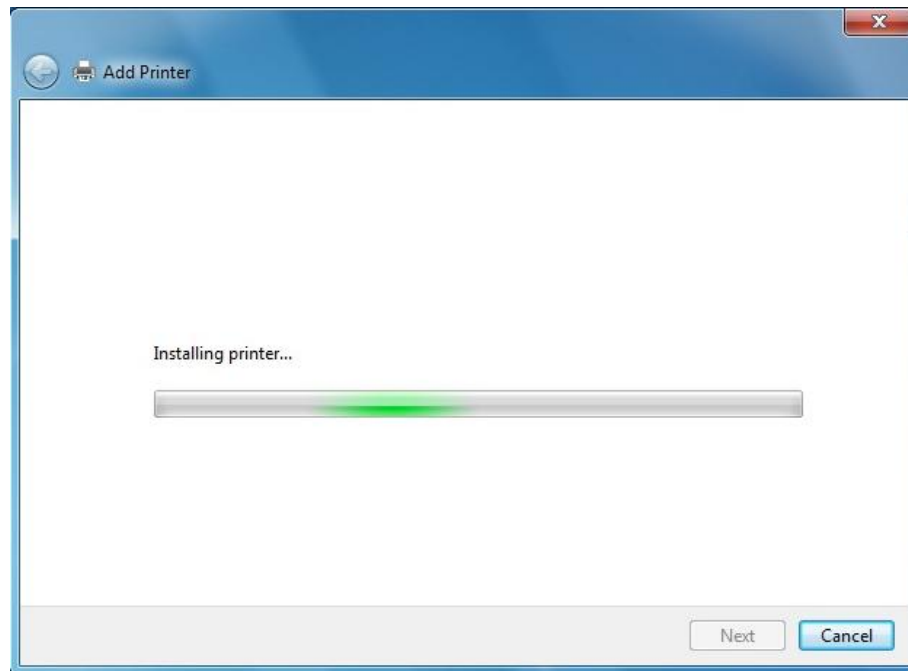
9. Windows will start an update looking for all the available Manufacturers and Printers. The time it takes to update will depend entirely on the connection speed to the internet.



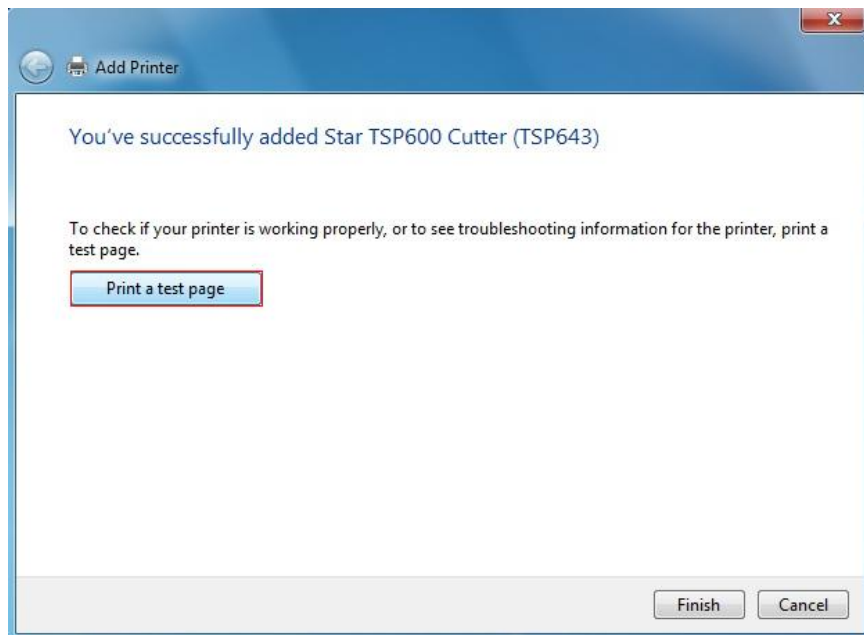
10. Once the update is complete, Windows will load back up. Select “Star” under manufacturer and then the printer model. In this example, it is TSP600 Cutter, under Printers. Click next.



11. If desired, rename the printer and click on next.



12. Windows will start installing the printer.

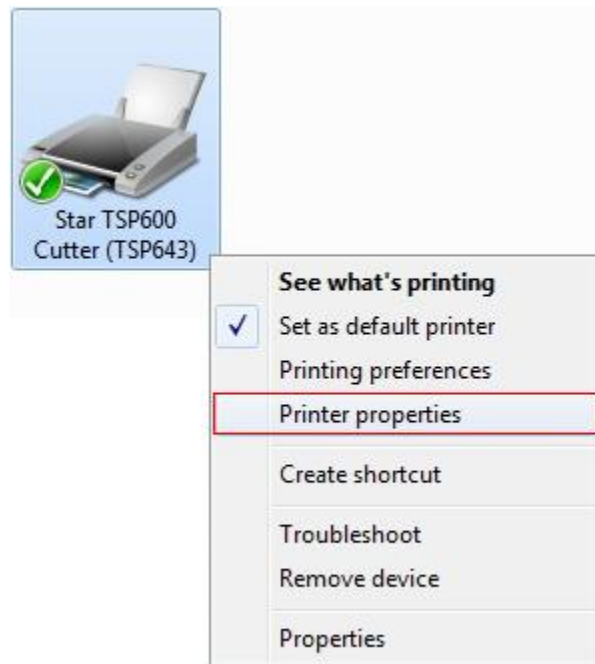


13. Windows will confirm it successfully added the new Star printer. Click on "Print a test page". Once the test page prints, the printer has been correctly installed.

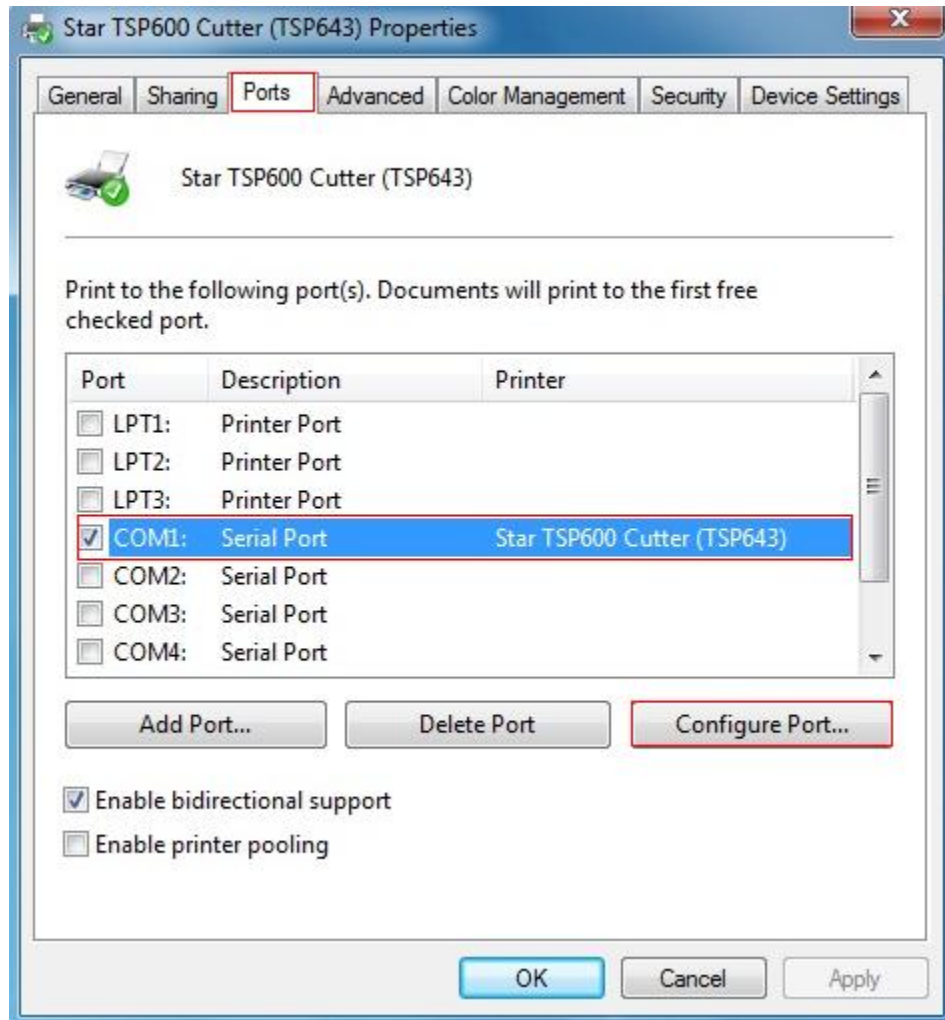
Configuring the Baud Rate for Serial Connections



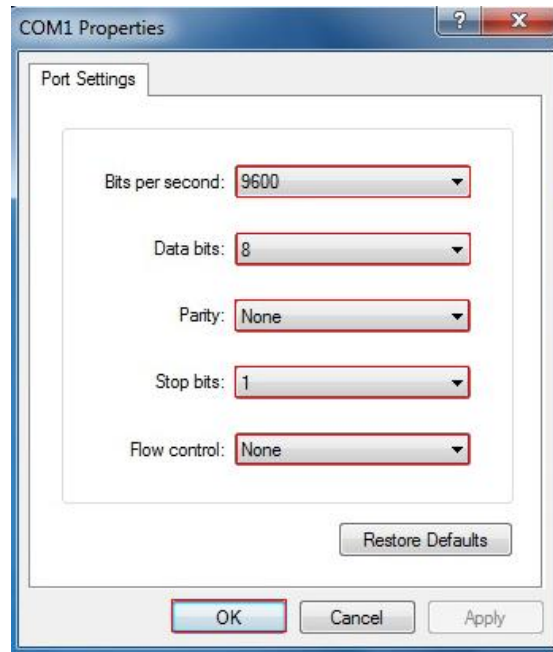
1. In Printers and Faxes, left click on the printer to select it and right click it to access the options.



2. Click on "Printer Properties" to open the printer options.

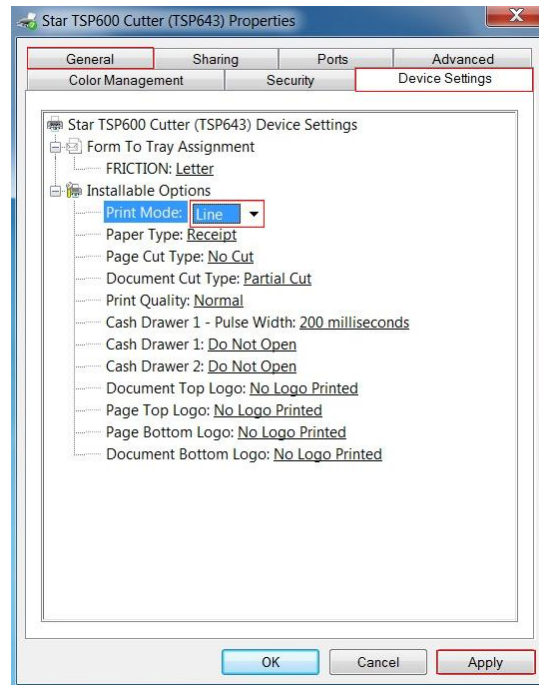


3. Once in Printer Properties click on the "Ports" tab and make sure the printer is all by itself on the Communication port selected at the beginning of the installation. Proceed to click on "Configure Port..." to check the settings.

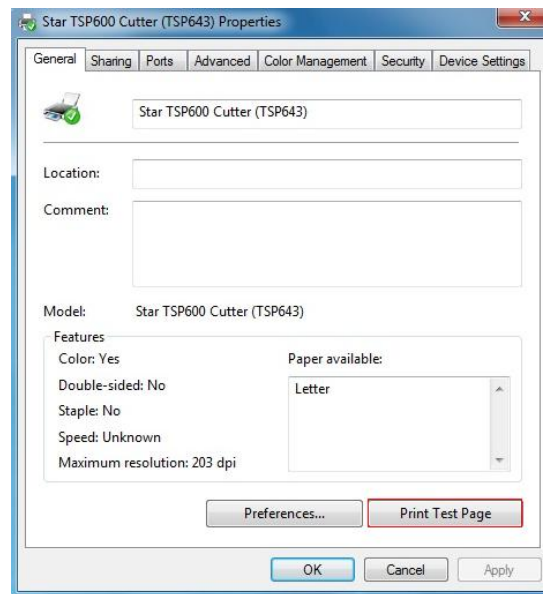


4. Confirm that the baud rate settings in the driver properties match the printer baud rate settings.
(To check the printer baud rate – turn the printer power OFF, hold the feed button down and turn the power back ON.
It will print a test and show the baud rate).

Click OK



5. Now click on “Device Settings” tab. Look for “Print Mode:” and switch it from Raster to Line. Serial only supports Line Mode. Once that is set click on “Apply”. Click on the “General” tab.



6. Once the Driver Print mode is set to Line and the correct baud rate settings have been made, proceed to print a test page. Once the Windows test page prints, you have correctly installed your printer.

Congratulations! You have just installed your Star Printer on Windows 7.